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NEWS 10 DEC 01 CAS REGISTRY updated with new ambiguity codes
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NEWS 14 DEC 18 CA/CAPLUS pre-1967 chemical substance index entries enhanced
with preparation role
NEWS 15 DEC 18 CA/CAPLUS patent kind codes updated
NEWS 16 DEC 18 MARPAT to CA/CAPLUS accession number crossover limit increased
to 50,000
NEWS 17 DEC 18 MEDLINE updated in preparation for 2007 reload
NEWS 18 DEC 27 CA/CAPLUS enhanced with more pre-1907 records
NEWS 19 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 20 JAN 16 CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS 21 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 22 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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SESSION

FULL ESTIMATED COST

0.21

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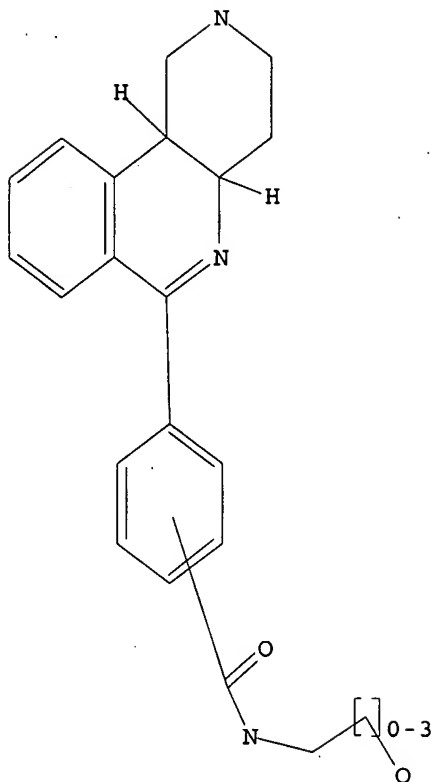
Uploading C:\Program Files\Stnexp\Queries\10525566.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:24:01 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 34 TO ITERATE

100.0% PROCESSED 34 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 331 TO 1029
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 ful

FULL SEARCH INITIATED 12:24:06 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 654 TO ITERATE

100.0% PROCESSED 654 ITERATIONS 52 ANSWERS
 SEARCH TIME: 00.00.01

L3 52 SEA SSS FUL L1

=> file caplus
 COST IN U.S. DOLLARS

SINCE FILE TOTAL

10525566

	ENTRY	SESSION
FULL ESTIMATED COST	172.10	172.31

FILE 'CAPLUS' ENTERED AT 12:24:08 ON 19 JAN 2007
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FILE COVERS 1907 - 19 Jan 2007 VOL 146 ISS 5
FILE LAST UPDATED: 18 Jan 2007 (20070118/ED)

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=> s l3

L4 2 L3

=> d abs bib hitstr

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [R1 = alkyl; R2 and R3 independently = OH, alkoxy, cycloalkoxy, etc. or R2 and R3 together are alkylenedioxy group; R4 = H, halo, NO2, etc.; R5 = H, alkyl, phenylalkyl, etc.; R6 = alkyl, phenylalkyl or (un)substituted arylalkyl; R7 = alkyl and n = 1-2 or R7 = H and n = 1-3] and their pharmaceutically acceptable salts, are prepared and disclosed as inhibitors of PDE3/4. Thus, e.g., II was prepared by amidation of 4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydrobenzo[c][1,6]naphthyridin-6-yl)benzoic acid (preparation given) with 3-isopropoxypropyl-amine. The inhibitory activity of I towards PDE3 and PDE4 was evaluated using radioactive enzyme assays and it was revealed that compds. of the invention possessed -log IC50 values in the range of 7.8 up to 9.9 mol/L for PDE4 and in the range of 5.8 up to 7.8 mol/L for PDE3. I as inhibitor of PDE3/4 should prove useful in the treatment of respiratory disorders and dermatoses. Pharmaceutical compns. comprising I are disclosed.

AN 2005:1049863 CAPLUS

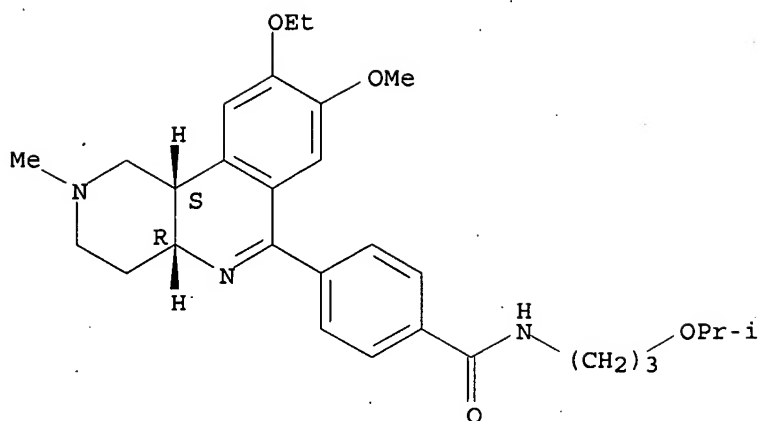
DN 143:347067

TI Preparation of phenyl benzonaphthyridine derivatives as PDE3/4 inhibitors
IN Kautz, Ulrich; Hatzelmann, Armin; Barsig, Johannes; Marx, Degenhard; Kley,

Hans-Peter; Flockerzi, Dieter
 PA Altana Pharma A.-G., Germany
 SO PCT Int. Appl., 39 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005090345	A1	20050929	WO 2005-EP51204	20050316
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	CA 2559200	A1	20050929	CA 2005-2559200	20050316
	EP 1732925	A1	20061220	EP 2005-717070	20050316
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
PRAI	EP 2004-101101	A	20040317		
	EP 2004-101111	A	20040318		
	WO 2005-EP51204	W	20050316		
OS	MARPAT 143:347067				
IT	865355-32-4P 865355-33-5P 865355-34-6P 865355-35-7P 865355-37-9P 865355-38-0P 865355-39-1P 865355-40-4P 865355-41-5P 865355-42-6P 865355-43-7P 865355-44-8P 865355-45-9P 865355-46-0P 865355-47-1P 865355-48-2P 865355-49-3P 865355-50-6P 865355-51-7P 865355-52-8P 865355-53-9P 865355-54-0P 865355-55-1P 865355-56-2P				
	RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(preparation of Ph benzonaphthyridine derivs. as PDE3/4 inhibitors)				
RN	865355-32-4 CAPLUS				
CN	Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[3-(1-methylethoxy)propyl]-, monohydrochloride (9CI) (CA INDEX NAME)				

Absolute stereochemistry.

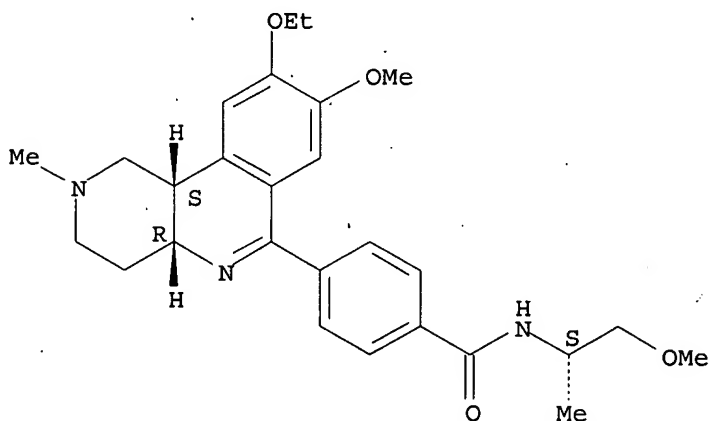


● HCl

RN 865355-33-5 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[(1S)-2-methoxy-1-methylethyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

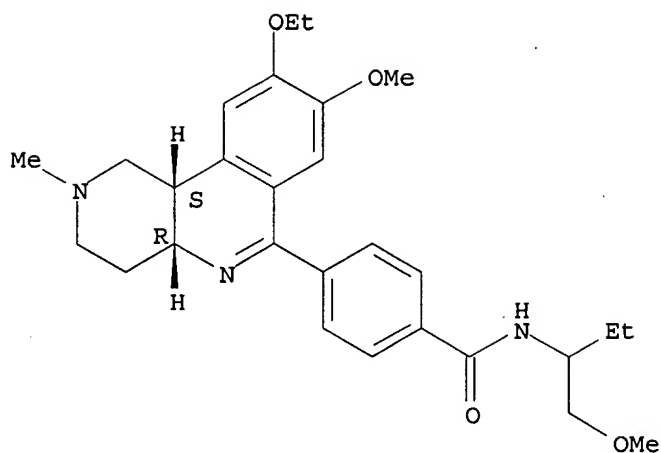


● HCl

RN 865355-34-6 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[1-(methoxymethyl)propyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

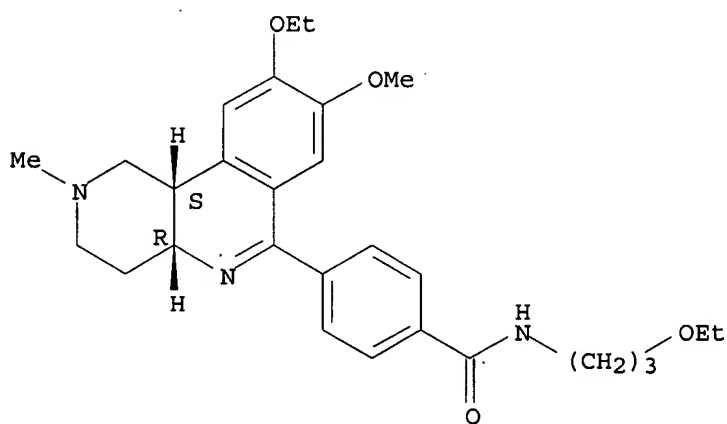


● HCl

RN 865355-35-7 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(3-ethoxypropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

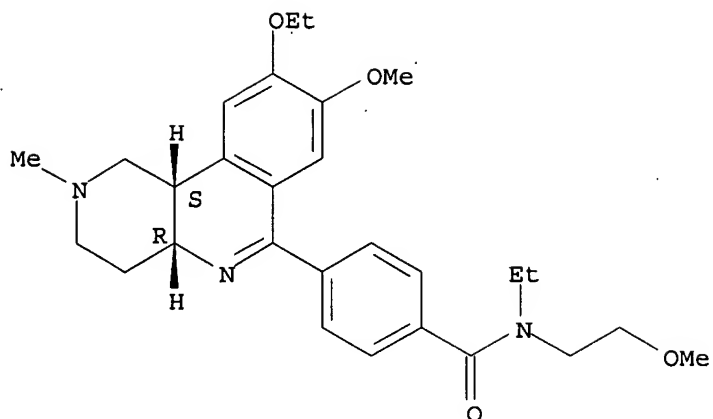


● HCl

RN 865355-37-9 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-ethyl-N-(2-methoxyethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

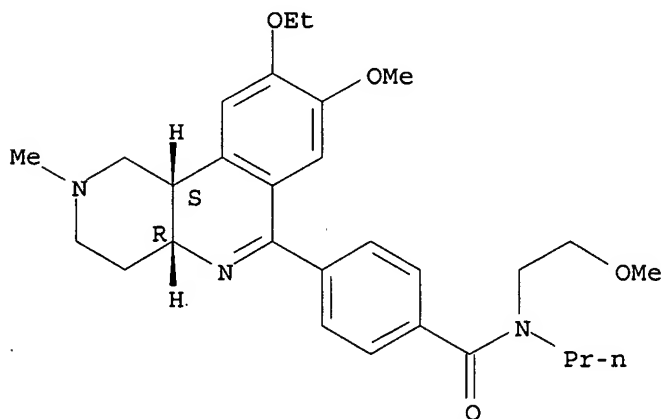
Absolute stereochemistry.



● HCl

RN 865355-38-0 CAPLUS
 CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(2-methoxyethyl)-N-propyl-, monohydrochloride (9CI) (CA INDEX NAME)

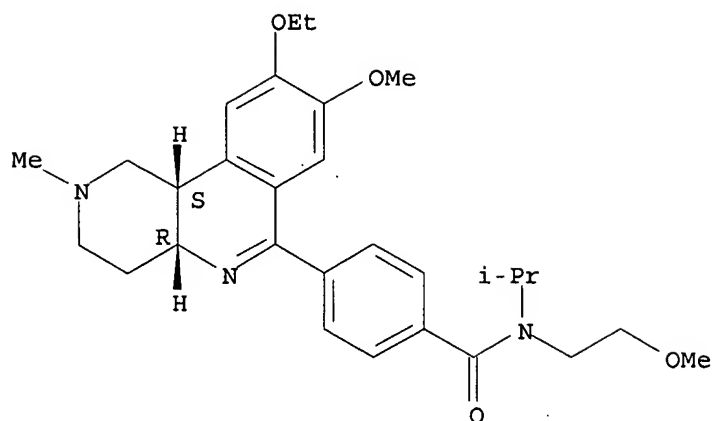
Absolute stereochemistry.



● HCl

RN 865355-39-1 CAPLUS
 CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(2-methoxyethyl)-N-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

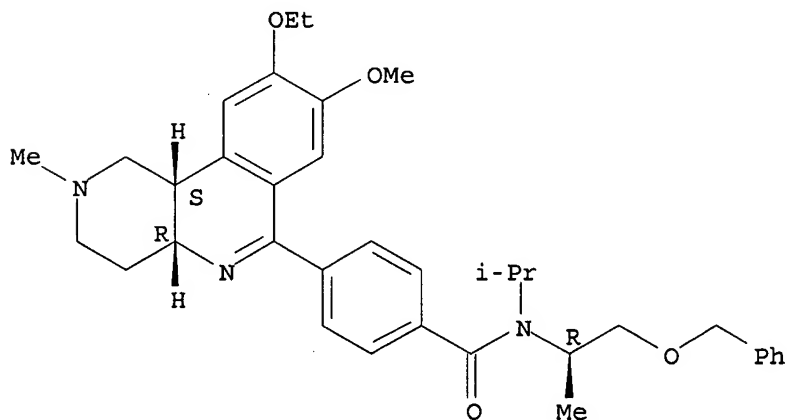


● HCl

RN 865355-40-4 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)-N-[(1R)-1-methyl-2-(phenylmethoxy)ethyl]- (9CI) (CA INDEX NAME)

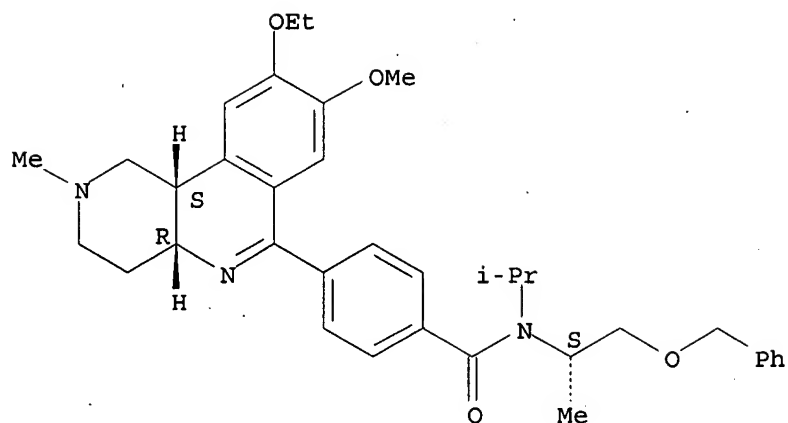
Absolute stereochemistry.



RN 865355-41-5 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)-N-[(1S)-1-methyl-2-(phenylmethoxy)ethyl]- (9CI) (CA INDEX NAME)

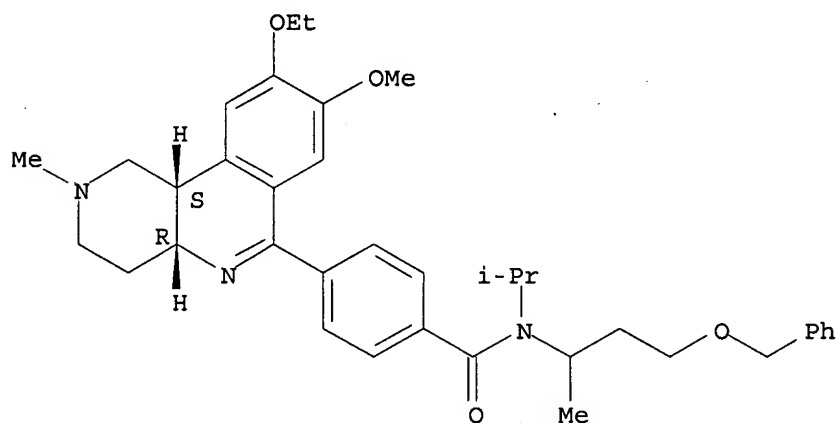
Absolute stereochemistry.



RN 865355-42-6 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)-N-[1-methyl-3-(phenylmethoxy)propyl]- (9CI) (CA INDEX NAME)

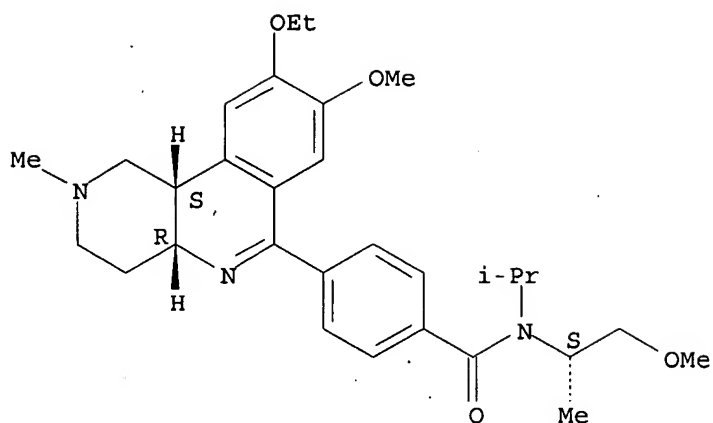
Absolute stereochemistry.



RN 865355-43-7 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[(1S)-2-methoxy-1-methylethyl]-N-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

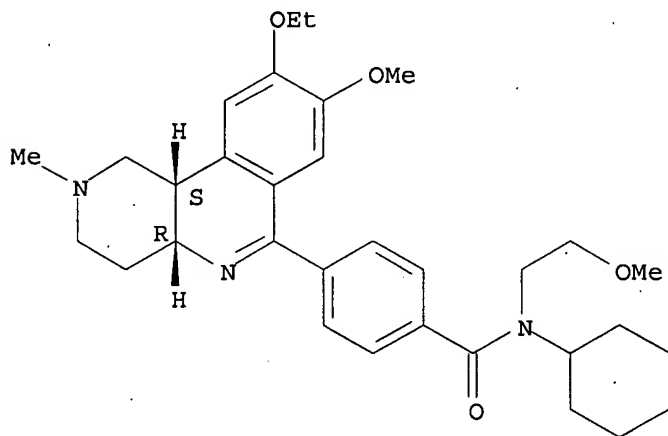


● HCl

RN 865355-44-8 CAPLUS

CN Benzamide, N-cyclohexyl-4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(2-methoxyethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

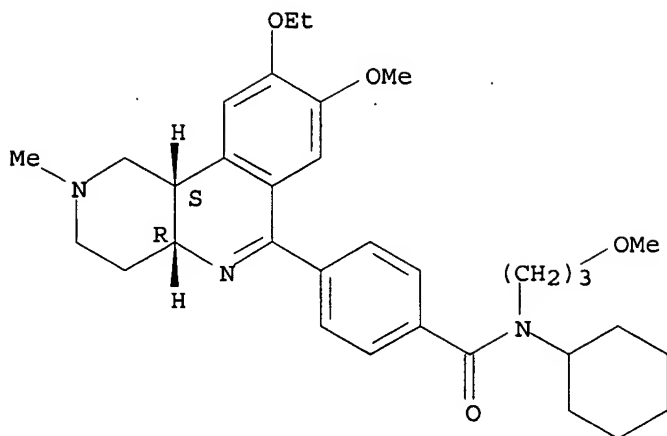


● HCl

RN 865355-45-9 CAPLUS

CN Benzamide, N-cyclohexyl-4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(3-methoxypropyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

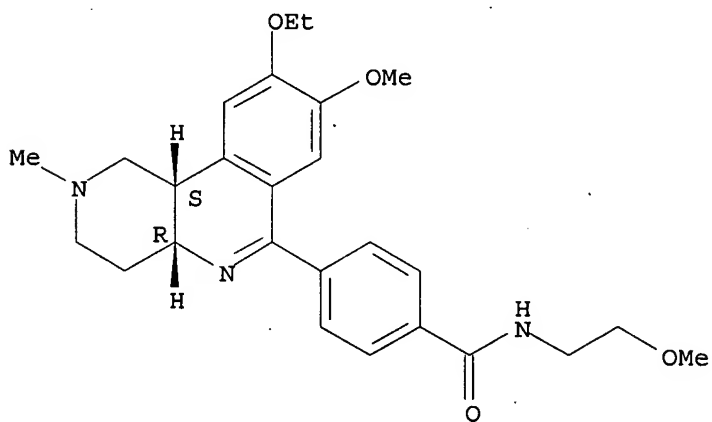


● HCl

RN 865355-46-0 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(2-methoxyethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

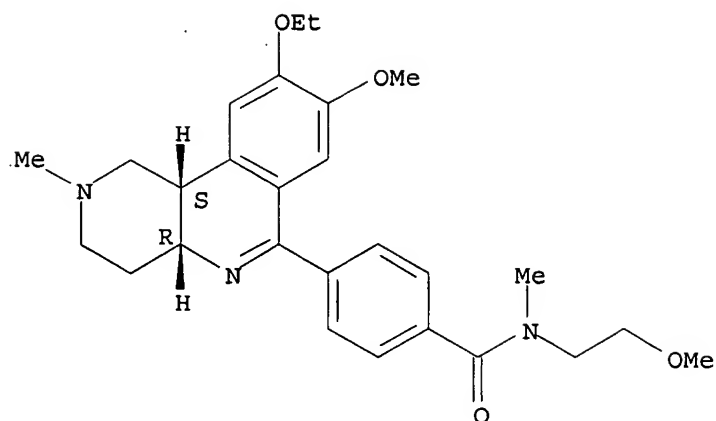


● HCl

RN 865355-47-1 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-methyl-N-(2-methoxyethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

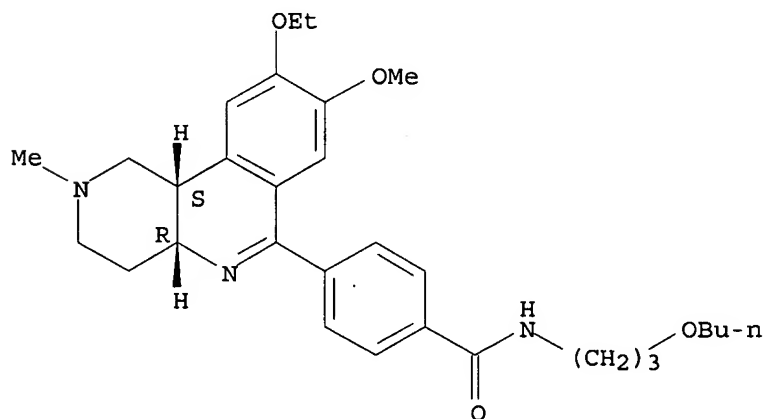


● HCl

RN 865355-48-2 CAPLUS

CN Benzamide, N-(3-butoxypropyl)-4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

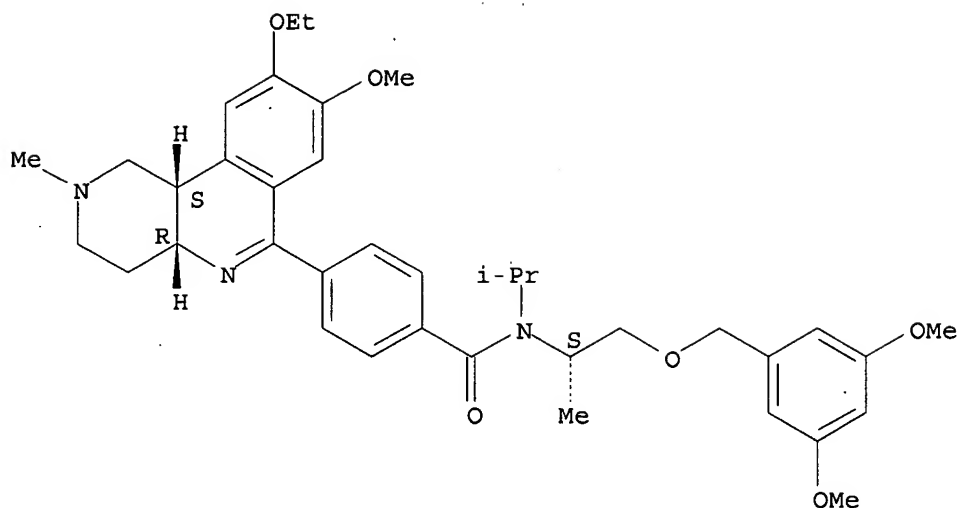


● HCl

RN 865355-49-3 CAPLUS

CN Benzamide, N-[(1S)-2-[(3,5-dimethoxyphenyl)methoxy]-1-methylethyl]-4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

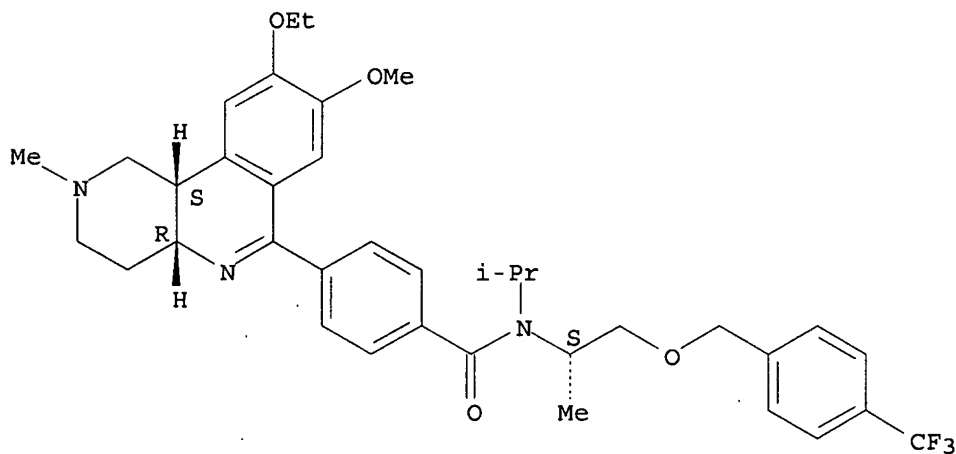
Absolute stereochemistry.



RN 865355-50-6 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)-N-[(1S)-1-methyl-2-[[4-(trifluoromethyl)phenyl]methoxy]ethyl]- (9CI) (CA INDEX NAME)

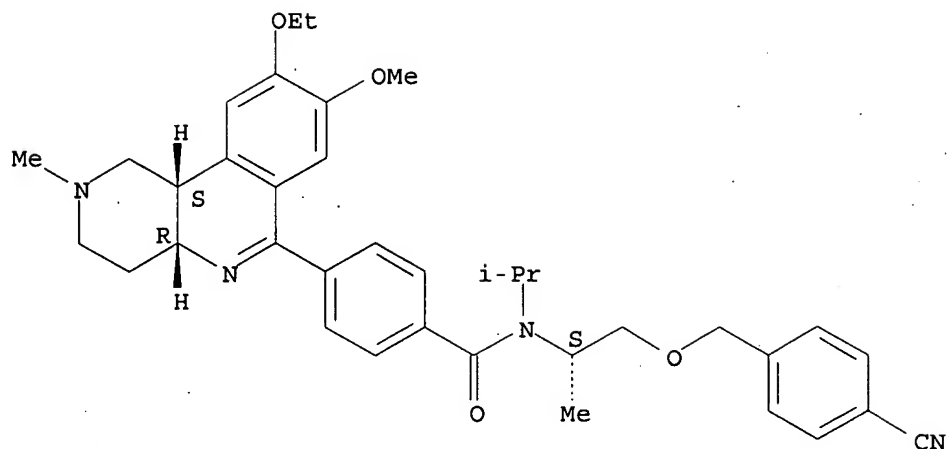
Absolute stereochemistry.



RN 865355-51-7 CAPLUS

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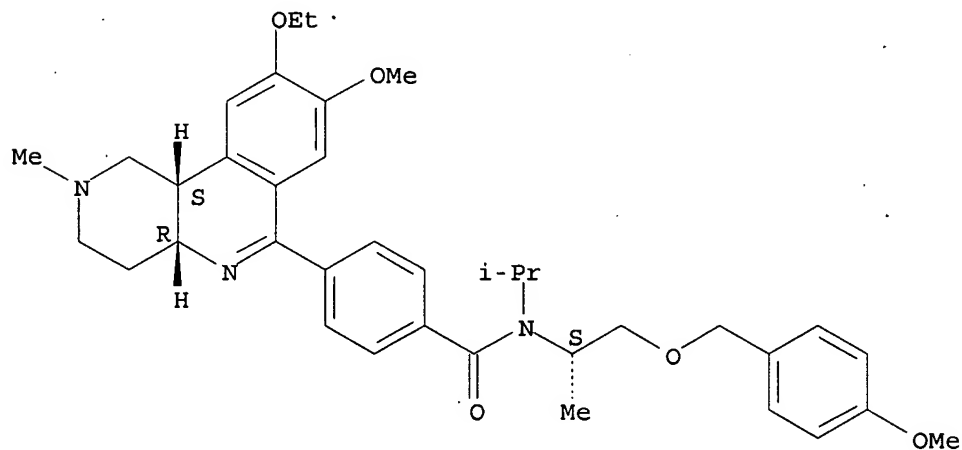
Absolute stereochemistry.



RN 865355-52-8 CAPLUS

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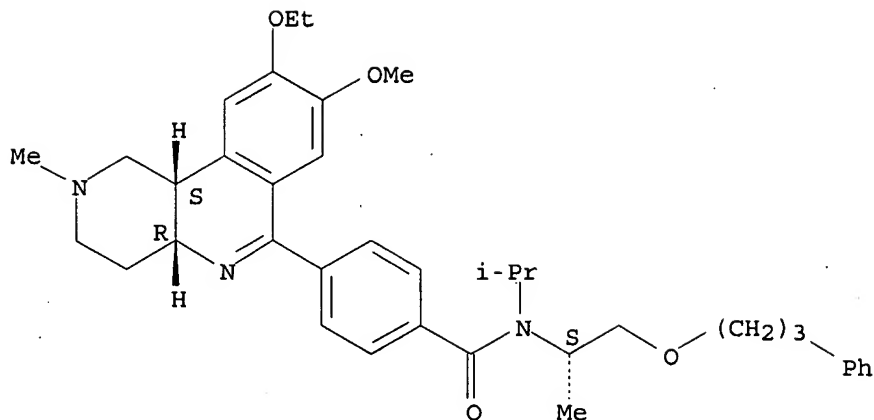
Absolute stereochemistry.



RN 865355-53-9 CAPLUS

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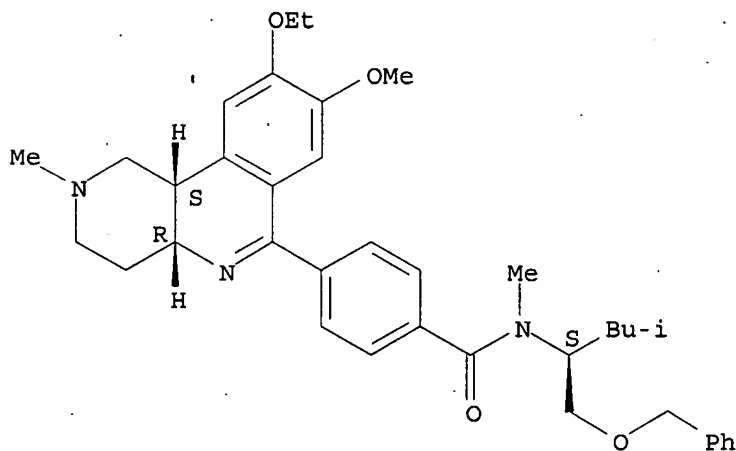
Absolute stereochemistry.



RN 865355-54-0 CAPLUS

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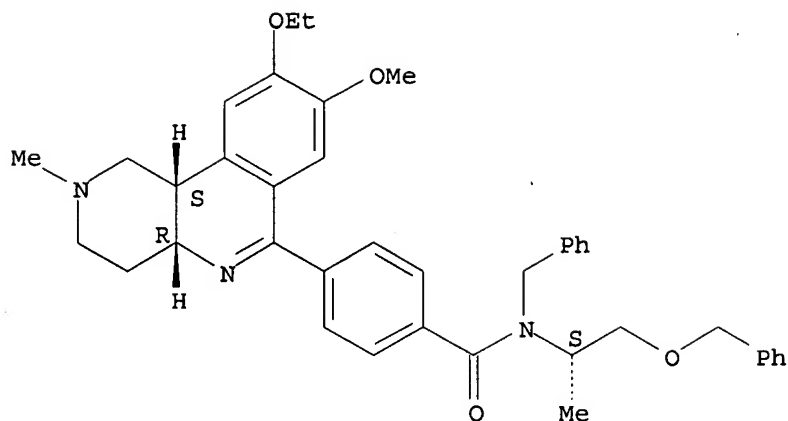
Absolute stereochemistry.



RN 865355-55-1 CAPLUS

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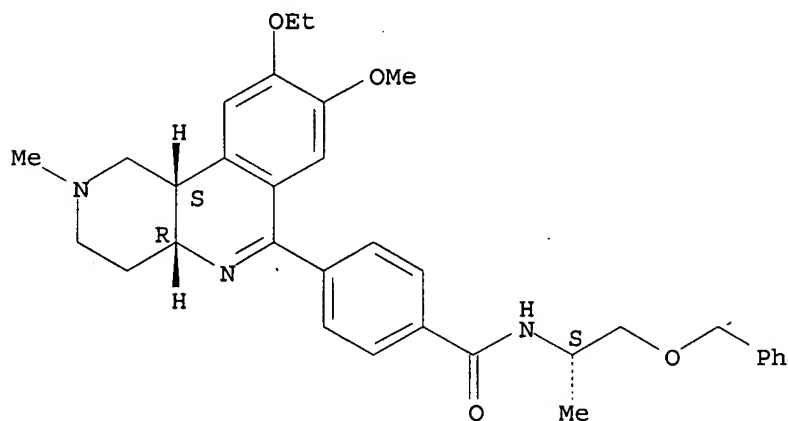
Absolute stereochemistry.



RN 865355-56-2 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[(1S)-1-methyl-2-(phenylmethoxy)ethyl]- (9CI) (CA INDEX NAME)

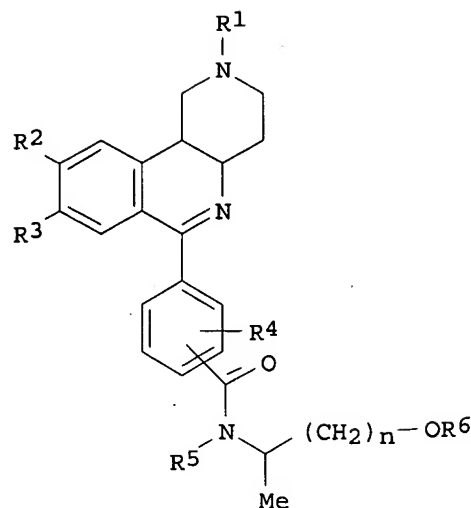
Absolute stereochemistry.



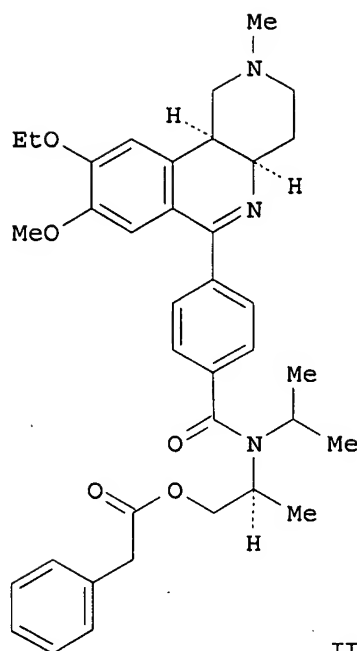
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d abs bib hitstr 2

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
GI



I



II

AB The title compds. I [R1 = C1-C4 alkyl; R2, R3 = OH, C1-C4 alkoxy, C3-C7 cycloalkoxy, C3-C7 cycloalkylmethoxy, fluorinated C1-C4 alkoxy; or R2/R3 = C1-C2 alkylendioxy group; R4 = H, halo, NO2, C1-C4 alkyl, CF3, C1-C4 alkoxy; R5 = H or C1-C8 alkyl; R6 = H, C1-C8 alkylcarbonyl, C3-C7 cycloalkylcarbonyl, C3-C7 cycloalkylmethylcarbonyl, C1-C4 arylcarbonyl, arylalkylcarbonyl; n = 1-2] were prepared as PDE3/4 inhibitors for the treatment of respiratory disorders and/or dermatoses. Thus, reaction of 4-((4aR,10bS)-9-ethoxy-8-methoxy-2-methyl-1,2,3,4,4a,10b-hexahydrobenzo[c][1,6]naphthyridin-6-yl)benzoic acid with phenyl-acetic acid (S)-2-isopropylamino-Pr ester hydrochloride yielded compound II. The latter inhibits PDE4 and PDE3 with -log IC50 = 9.8, 7.3 mol/L, resp.

AN 2004:220332 CAPLUS

DN 140:270839

TI Preparation of phenylbenzonaphthyridine derivatives as PDE3/4 inhibitors

IN Flockerzi, Dieter; Hummel, Rolf-peter; Reutter, Felix; Flockerzi, Dieter; Hummel, Rolf-peter; Reutter, Felix

PA Altana Pharma Ag, Germany

SO PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DT Patent

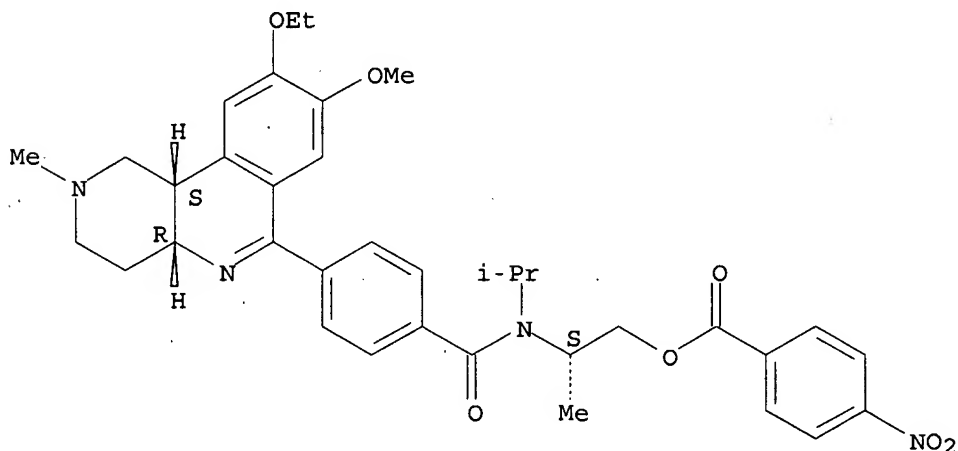
LA English

FAN.CNT 1

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PI	WO 2004022557	A1	20040318	WO 2003-EP9617	20030829
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	RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	CA 2496731	A1	20040318	CA 2003-2496731	20030829

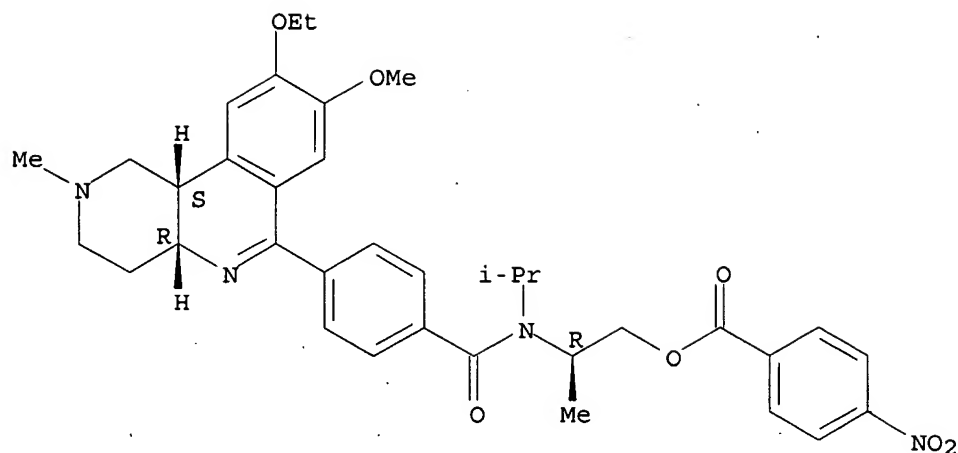
AU 2003264132 A1 20040329 AU 2003-264132 20030829
 EP 1537109 A1 20050608 EP 2003-793772 20030829
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 JP 2005539055 T 20051222 JP 2004-533426 20030829
 US 2006167034 A1 20060727 US 2005-525566 20050225
 PRAI EP 2002-19904 A 20020904
 US 2002-407689P P 20020904
 WO 2003-EP9617 W 20030829
 OS MARPAT 140:270839
 IT 671821-62-8P 671821-64-0P 671821-66-2P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP
 (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of phenylbenzonaphthyridine derivs. as PDE3/4 inhibitors).
 RN 671821-62-8 CAPLUS
 CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-
 methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)-N-[(1S)-1-methyl-2-
 [(4-nitrobenzoyl)oxy]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 671821-64-0 CAPLUS
 CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-
 methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)-N-[(1R)-1-methyl-2-
 [(4-nitrobenzoyl)oxy]ethyl]- (9CI) (CA INDEX NAME)

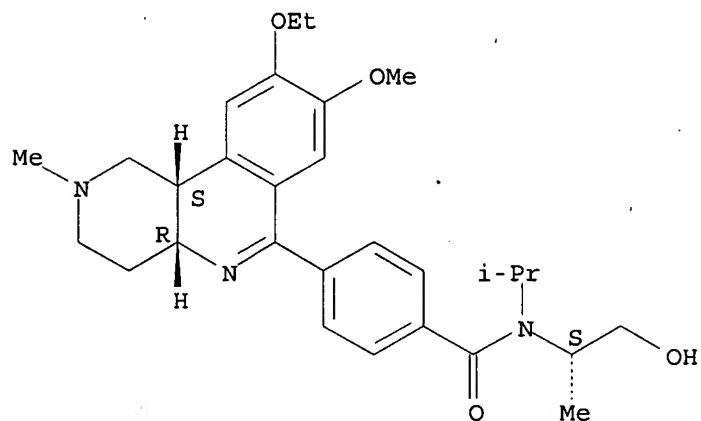
Absolute stereochemistry.



RN 671821-66-2 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[(1S)-2-hydroxy-1-methylethyl]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 671821-47-9P 671821-49-1P 671821-51-5P

671821-53-7P 671821-55-9P 671821-56-0P

671821-58-2P 671821-60-6P 671821-68-4P

671821-70-8P 671821-72-0P

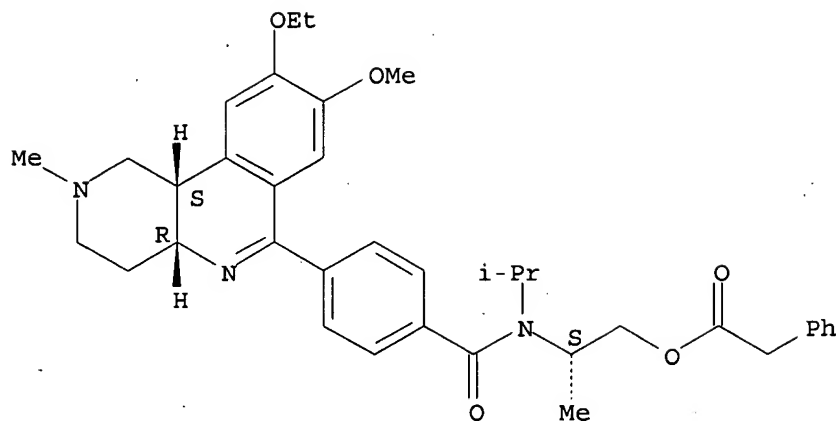
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of phenylbenzonaphthyridine derivs. as PDE3/4 inhibitors)

RN 671821-47-9 CAPLUS

CN Benzeneacetic acid, (2S)-2-[[4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]benzoyl]-(1-methylethyl)amino]propyl ester (9CI) (CA INDEX NAME)

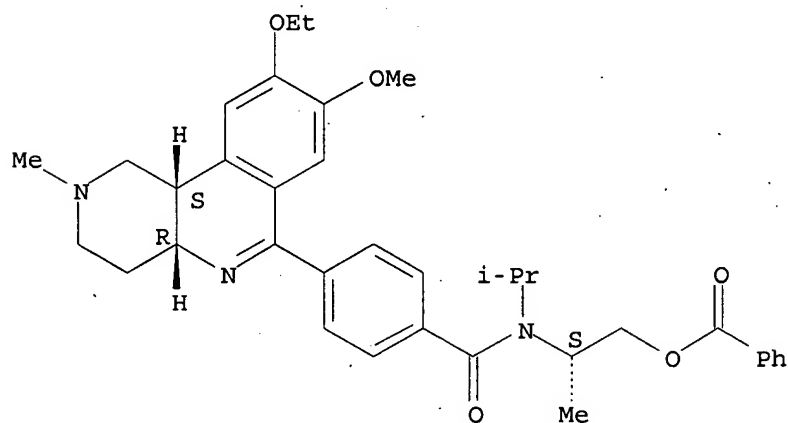
Absolute stereochemistry.



RN 671821-49-1 CAPLUS

CN Benzamide, N-[(1S)-2-(benzoyloxy)-1-methylethyl]-4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

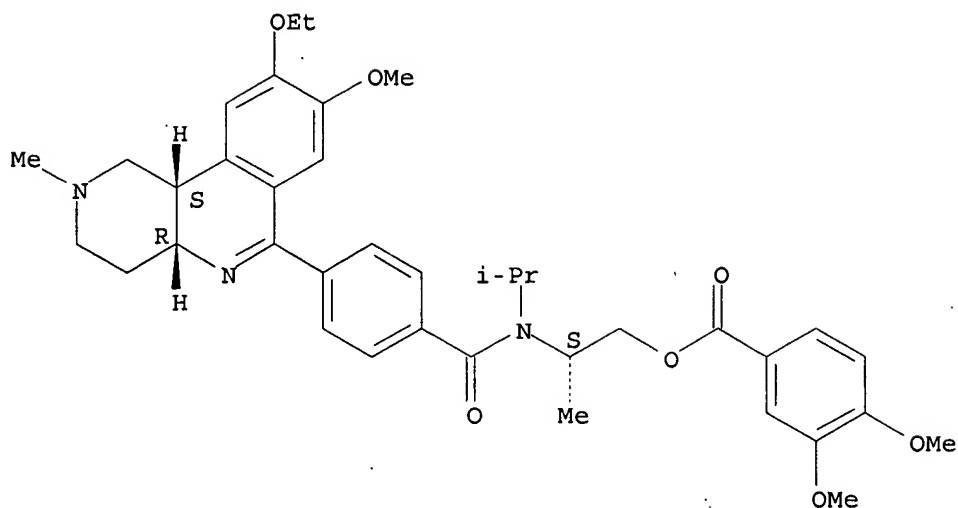
Absolute stereochemistry.



RN 671821-51-5 CAPLUS

CN Benzoic acid, 3,4-dimethoxy-, (2S)-2-[[4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]benzoyl](1-methylethyl)amino]propyl ester (9CI) (CA INDEX NAME)

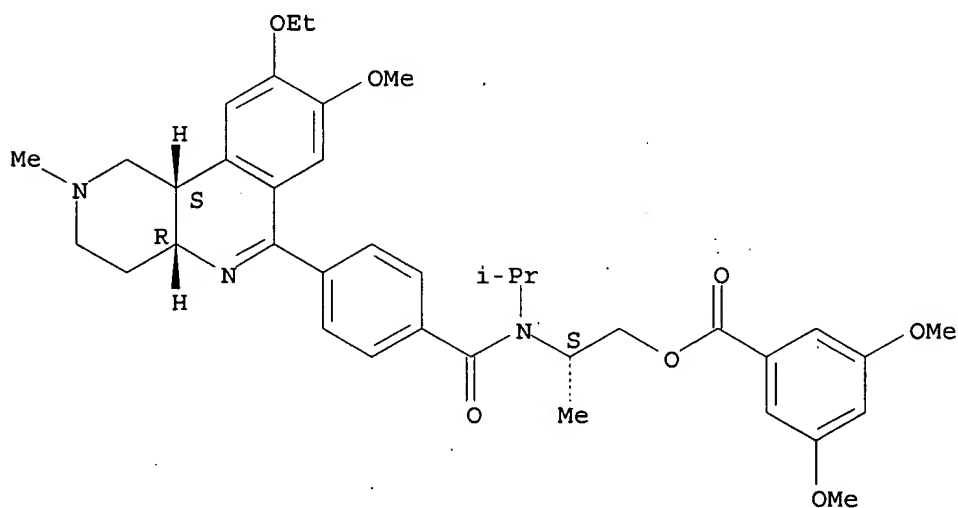
Absolute stereochemistry.



RN 671821-53-7 CAPLUS

CN Benzoic acid, 3,5-dimethoxy-, (2S)-2-[[4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]benzoyl](1-methylethyl)amino]propyl ester (9CI) (CA INDEX NAME)

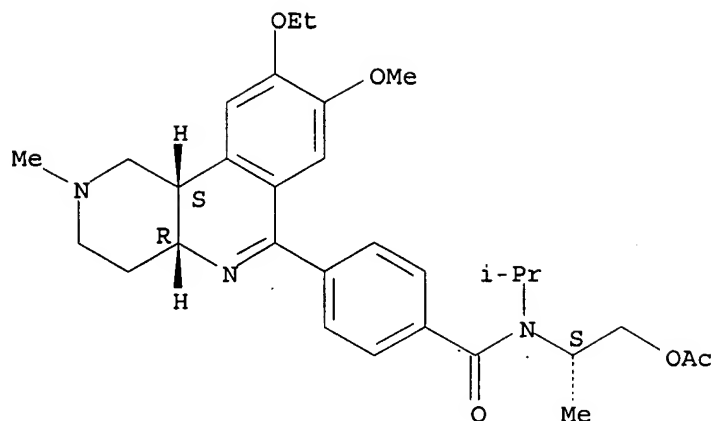
Absolute stereochemistry.



RN 671821-55-9 CAPLUS

CN Benzamide, N-[(1S)-2-(acetyloxy)-1-methylethyl]-4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

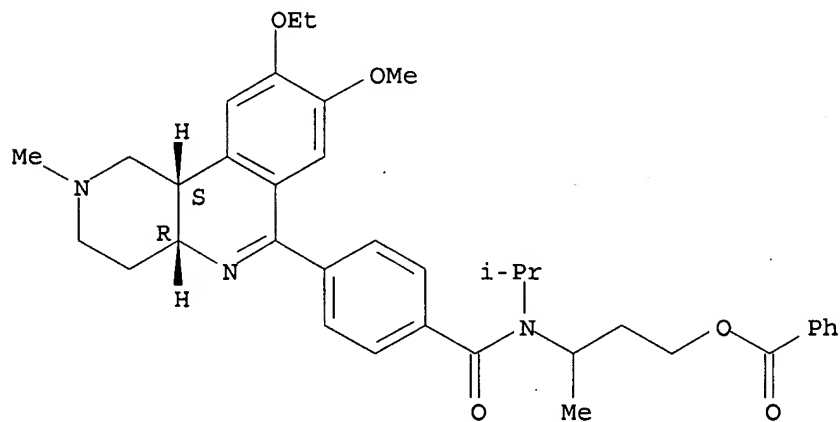


● HCl

RN 671821-56-0 CAPLUS

CN Benzamide, N-[3-(benzyloxy)-1-methylpropyl]-4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

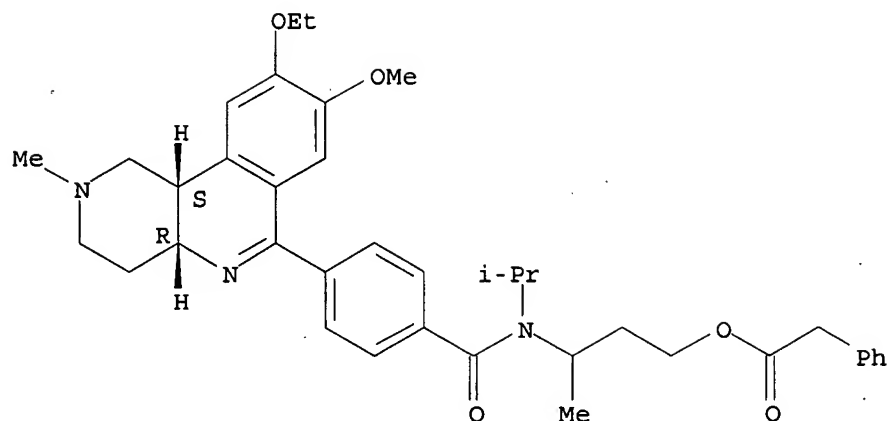
Absolute stereochemistry.



RN 671821-58-2 CAPLUS

CN Benzeneacetic acid, 3-[[4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]benzoyl](1-methylethyl)amino]butyl ester (9CI) (CA INDEX NAME)

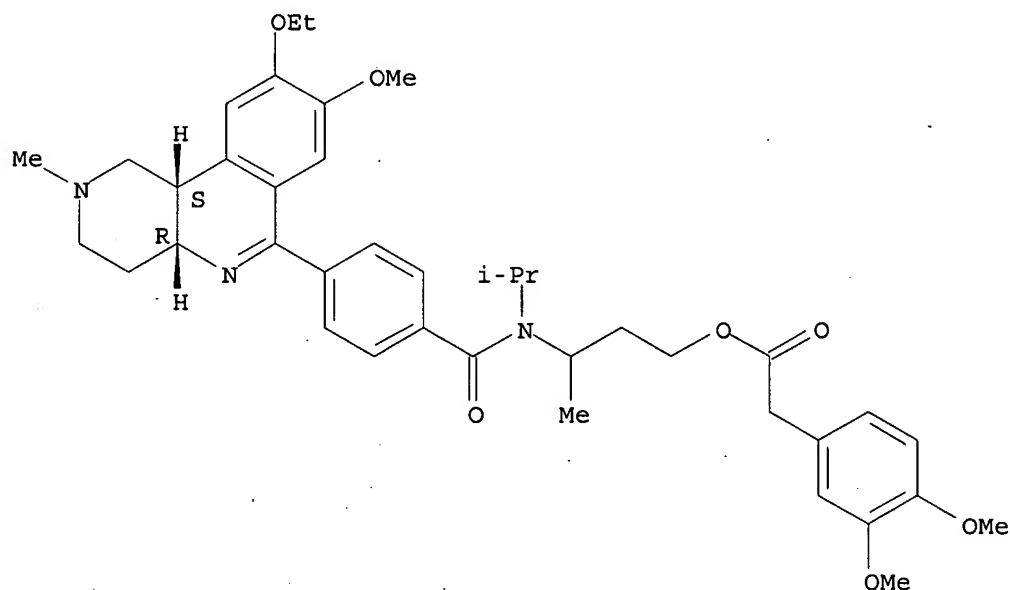
Absolute stereochemistry.



RN 671821-60-6 CAPLUS

CN Benzeneacetic acid, 3,4-dimethoxy-, 3-[[4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]benzoyl](1-methylethyl)amino]butyl ester (9CI) (CA INDEX NAME)

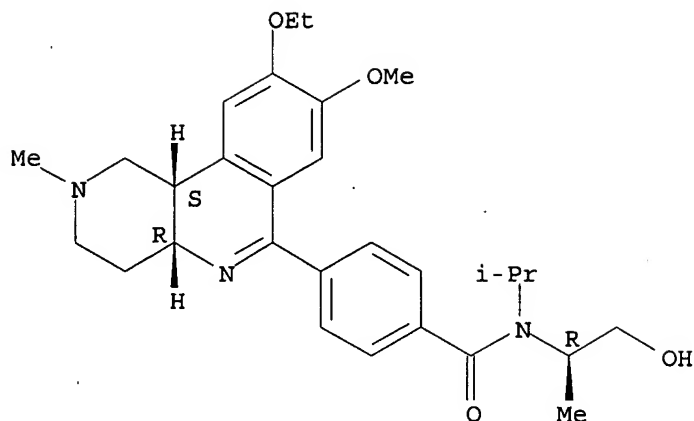
Absolute stereochemistry.



RN 671821-68-4 CAPLUS

CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[(1R)-2-hydroxy-1-methylethyl]-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 671821-70-8 CAPLUS

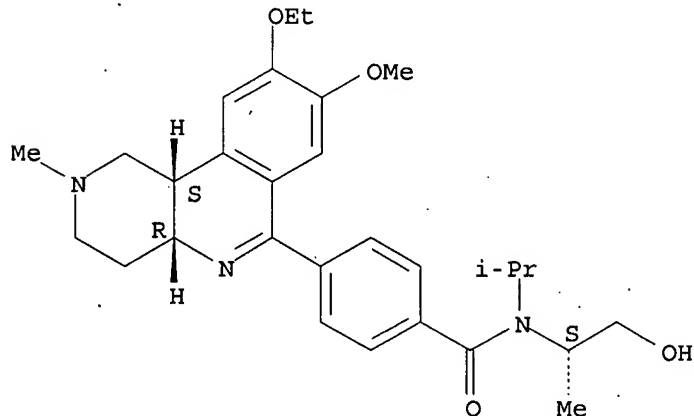
CN Butanedioic acid, hydroxy-, (2S)-, compd. with 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[(1S)-2-hydroxy-1-methylethyl]-N-(1-methylethyl)benzamide (1:1) (9CI)
(CA INDEX NAME)

CM 1

CRN 671821-66-2

CMF C29 H39 N3 O4

Absolute stereochemistry. Rotation (-).

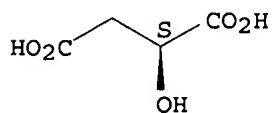


CM 2

CRN 97-67-6

CMF C4 H6 O5

Absolute stereochemistry. Rotation (-).



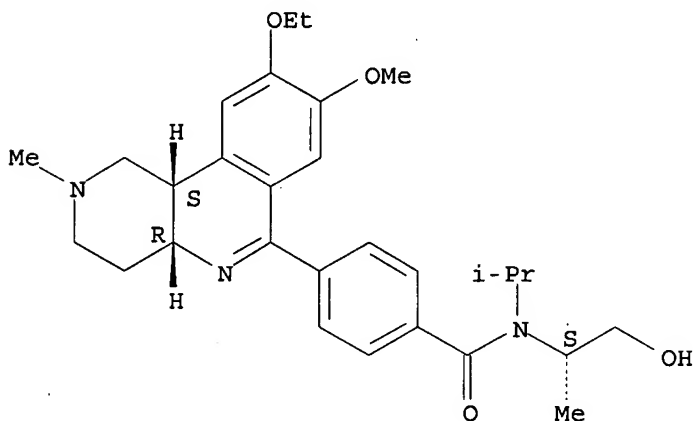
10525566

RN 671821-72-0 CAPLUS
 CN Benzamide, 4-[(4aR,10bS)-9-ethoxy-1,2,3,4,4a,10b-hexahydro-8-methoxy-2-methylbenzo[c][1,6]naphthyridin-6-yl]-N-[(1S)-2-hydroxy-1-methylethyl]-N-(1-methylethyl)-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (salt) (9CI)
 (CA INDEX NAME)

CM 1

CRN 671821-66-2
 CMF C29 H39 N3 O4

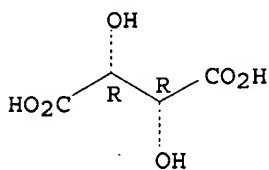
Absolute stereochemistry. Rotation (-).



CM 2

CRN 87-69-4
 CMF C4 H6 O6

Absolute stereochemistry.



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT.

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ENTRY	SESSION
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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ENTRY	SESSION
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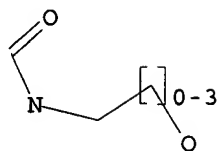
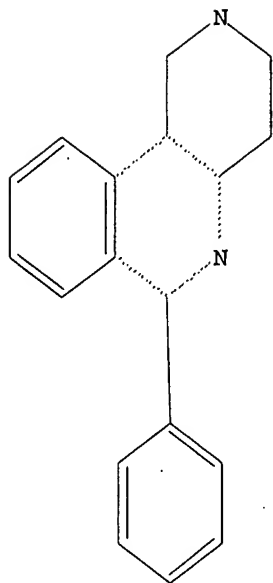
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L5 STRUCTURE UPLOADED

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L5 HAS NO ANSWERS

L5 STR



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